

REMARKS:	WELL LOG	ELECTRIC LOGS	FILE	X	WATER SANDS	LOCATION INSPECTED	SUB REPORT/abd
DATE FILED	10-10-84						
LAND FEE & PATENTED	STATE LEASE NO.		PUBLIC LEASE NO.		U-44822		INDIAN
DRILLING APPROVED:	1-3-85 - OIL						
SPUDDER IN:							
COMPLETED:	PUT TO PRODUCING.						
INITIAL PRODUCTION:							
GRAVITY A.P.I.							
GOR.							
PRODUCING ZONES							
TOTAL DEPTH:							
WELL ELEVATION:	5357' GR -						
DATE ABANDONED:	J.A. Application Rescinded 4-9-86						
FIELD:	LITTLE NANCY						
UNIT:	LITTLE NANCY						
COUNTY:	SAN JUAN						
WELL NO.	LITTLE NANCY UNIT #34-14						
LOCATION	730' ESL	FT. FROM (N) (S) LINE.	830' FWL	FT. FROM (E) (W) LINE.	API #43-037-31119	SW SW	1/4 - 1/4 SEC. 34
TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR

37S

25E

34

## WINTERSHALL OIL & GAS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44822
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Wintershall Oil & Gas Corp. c/o PERMITCO 303/595-4051		7. UNIT AGREEMENT NAME Little Nancy Unit
3. ADDRESS OF OPERATOR 1020-15th Street, Suite 22-E Denver, CO 80202		8. FARM OR LEASE NAME Nancy Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 730' FSL and 830' FWL At proposed prod. zone		9. WELL NO. 34-14
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles southwest of Dove Creek, Colorado		10. FIELD AND POOL, OR WILDCAT Little Nancy
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 730'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T37S - R25E
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3800'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5357' GR		22. APPROX. DATE WORK WILL START* October 30, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	1626'	725 sx or sufficient to circulate
8-3/4"	7"	23#	5790'	450 sx or sufficient to cover zones of interest

Wintershall Oil & Gas Corporation proposes to drill a well to 5790' to test the Upper Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/3/85  
BY: John R. Dyer

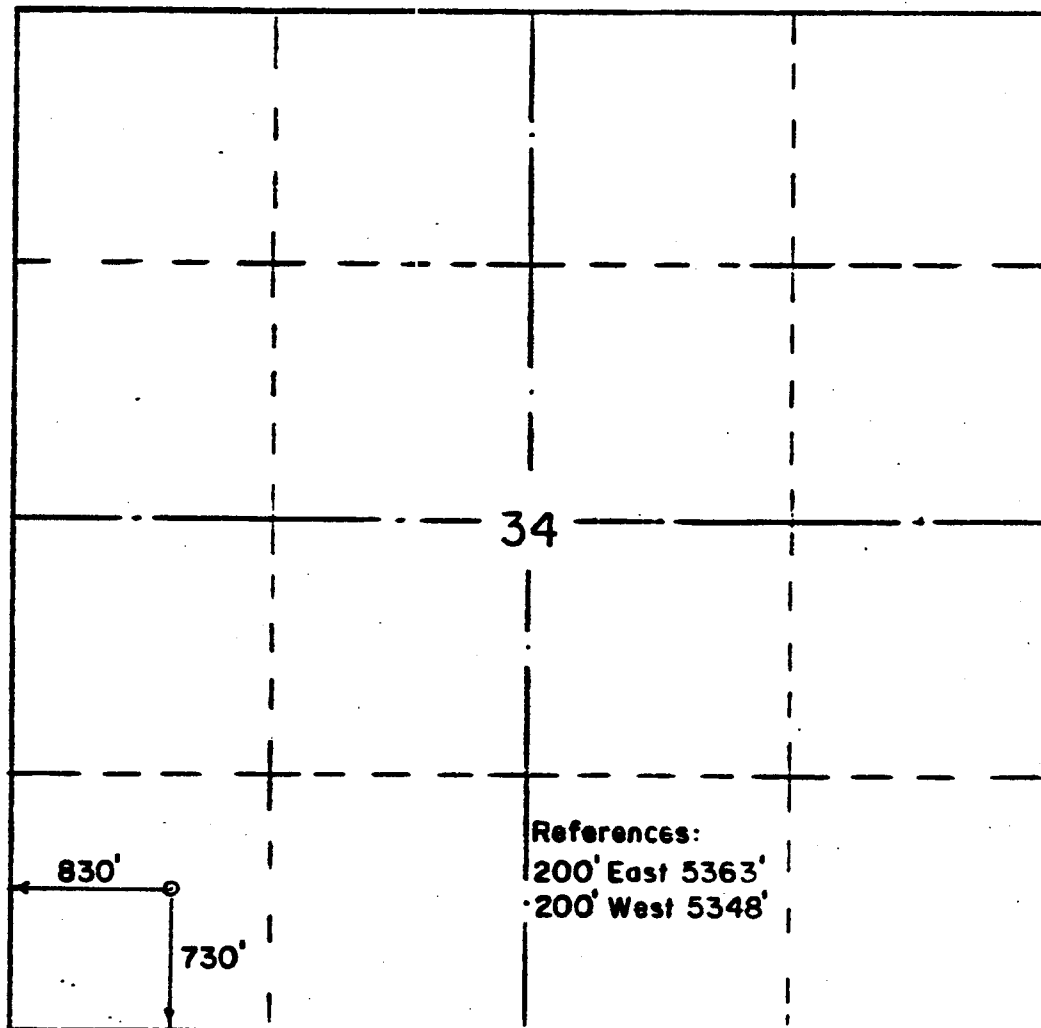
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Lisa G. Miller TITLE Consultant DATE 10/9/84  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

## WELL LOCATION AND ACREAGE DEDICATION PLAT



1"=1000'

Operator <b>Wintershall Oil &amp; Gas Corp.</b>		Well name <b>Nancy 34-14</b>	
Section <b>34</b>	Township <b>37 South</b>	Range <b>25 East</b>	Meridian <b>S.L.M.</b>
Footages <b>730' FSL &amp; 830' FWL</b>		County/State <b>San Juan, Utah</b>	Elevation <b>5357'</b>
Formation	Dedicated Acreage	Requested by <b>Liso Green</b>	
<p>The above plat is true and correct to the best of my knowledge and belief.</p> <p><b>27 Sept. 84</b></p> <p><i>Gerald G. Huddleston</i> <b>Gerald G. Huddleston</b></p> <p><b>REGISTERED LAND SURVEYOR</b> <b>NO. 5705</b> <b>GERALD G. HUDDLESTON</b> <b>STATE OF UTAH</b></p>			

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

**RECEIVED**

**OCT 10 1984**

Nancy Federal #34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

**DIVISION OF OIL  
GAS & MINING**

Prepared For:

WINTERSHALL OIL & GAS CORP.

By:

PERMITCO  
1020-15th Street, Suite 22E  
Denver, Colorado 80202

Copies Sent To:

- 4 - BLM - Moab, Utah
- 1 - BLM - Monticello, Utah
- 1 - Division of Oil Gas & Mining - SLC, Utah
- 5 - Wintershall Oil & Gas Corp - Denver, CO

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A Petroleum Permitting Company

Wintershall Oil and Gas Corporation  
5675 DTC Boulevard, Englewood, Colorado 80111

**Wintershall**  
**Oil and Gas Corporation**  
Englewood, Colorado

October 1, 1984

Bureau of Land Management

Re: Bullpen #10-43  
Sec. 10, T38S - R23E  
San Juan County, Utah  
Nancy Federal #34-14  
Sec. 34, T37S - R25E  
San Juan County, Utah

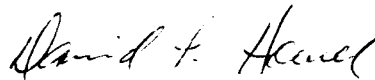
Gentlemen:

This letter is to inform you that Permitco is authorized to act as Agent and to sign documents on behalf of Wintershall Oil and Gas Corporation when necessary for filing county, state, and federal permits including Onshore Order No. 1, R-O-W applications, etc.; for the above-mentioned well.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production, or compliance with regulations.

Wintershall Oil and Gas Corporation agrees to accept full responsibility for operations conducted in order to drill, complete, and produce the above-mentioned well.

Sincerely yours,



David P. Howell  
Operations Manager

DPH:ram

ONSHORE ORDER NO.         
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

1. The surface formation and estimated formation tops to be encountered are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Dakota	Surface	
Navajo	800'	+4569'
Chinle	1576'	+3793'
Cutler/DeChelley	2340'	+3029'
Honaker Trail	4290'	+1079'
Upper Ismay	5436'	- 67'
Lower Ismay	5614'	- 245'
Desert Creek	5688'	- 319'
Akah/T.D.	5790'	- 421'

2. The estimated depths at which oil, gas, water or other mineral bearing zones are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Anticipated Depth</u>
Oil/Gas	Upper Ismay	5436'
Oil/Gas	Desert Creek	5688'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure control equipment will consist of a 10", 3000# BOP. (See BOP Diagram attached.)

Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. ~~Preventers will be pressure~~ tested before drilling casing cement plugs.

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A Petroleum Permitting Company

ONSHORE ORDER NO. 4  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

DRILLING PROGRAM

4. a. Casing

The proposed casing program is as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Wt.</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Conductor	0-54'	17-1/2"	13-3/8"	54.5#			
Surface	0-1626'	12-1/4"	9-5/8"	36#	J-55	ST&C	New
Production	0-T.D.	8-3/4"	7"	23#	J-55	LT&C	New

b. Cement

The cementing program will be as follows:

<u>Conductor</u>	<u>Type and Amount</u>
0-54'	75 sx - circulated to surface
<u>Surface</u>	<u>Type and Amount</u>
0-1626'	625 sx Lite. Tail in w/100 sx Class B, or sufficient to circulate to surface.
<u>Production</u>	<u>Type and Amount</u>
T.D. - 4800'	250 sx low water loss Class B cement.
2000'-2500'	200 sx low water loss Class B cement or sufficient to cover zones of interest.

c. Auxiliary Equipment will be as follows:

1. Kelly cock.
2. Float above the bit.
3. A sub with a full opening valve will be on the floor when the kelly is not in use.
4. Monitoring of the system will be done visually.

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A Petroleum Permitting Company

ONSHORE ORDER NO. 2  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

DRILLING PROGRAM

5. Drilling fluid will be as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-1650'	Gel Water	8.7-8.8	30	N/C	N/C
1650-5000'	Gel Chemical	9.0-9.5	40	10	10+
5000-T.D.	Gel Chemical	10-14	40-45	8-10	10+

6. Coring, logging and testing programs are as follows:

- a. No cores will be run.
- b. The logging program will consist of a Dual Induction-SFL; Neutron Density; Sonic Log; Dipmeter and Velocity Survey.
- c. Drill Stem Tests will be run in the Upper Ismay and Desert Creek Formations.

Whether the well is completed as a dry hole or as a producer, "Well Completion or Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analysis, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the District Manager.

7. Abnormal conditions, bottom hole pressures and potential hazards.

- a. The maximum bottom hole pressure to be expected is 3500 psi.
- b. Wintershall Oil & Gas Corp. plans to spud the Nancy Federal #34-14 on approximately October 30, 1984 and intends to complete the well within approximately one month after the well has reached T.D.
- c. The operator will contact the San Juan Resource Area at 801/587-2201, 48 hours prior to beginning ~~any work on~~ this location.

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A Petroleum Permitting Company



ONSHORE ORDER NO. 1  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

DRILLING PROGRAM

- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the San Juan Area Manager, a minimum of 24 hours before spudding. A Sundry Notice (Form 3160-5) will be sent within 24 hours of spudding, reporting the spud date and time. The Sundry will be sent to the District Manager.
- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations begin and continue each month until the well is physically plugged and abandoned. This report will be sent to the Moab BLM District Office, P. O. Box 970, Moab, Utah 84532.
- g. If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the District Manager. All conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- h. If the well is successfully completed for production, then the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, no later than the first business day following the date on which the well is placed on production.
- i. No well abandonment operations will begin without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Manager. A "Subsequent Report of Abandonment" (Form 3160-5), will be filed with the District Manager, within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and ~~the present status of~~ surface restoration.

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A Petroleum Permitting Company

ONSHORE ORDER NO.         
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

DRILLING PROGRAM

- j. Final abandonment will not be approved until surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the San Juan Area Manager or his representative, or the appropriate Surface Managing Agency.
- k. A first production conference will be scheduled within 15 days after receipt of the first production notice. The operator will schedule the conference with the San Juan Area Manager.

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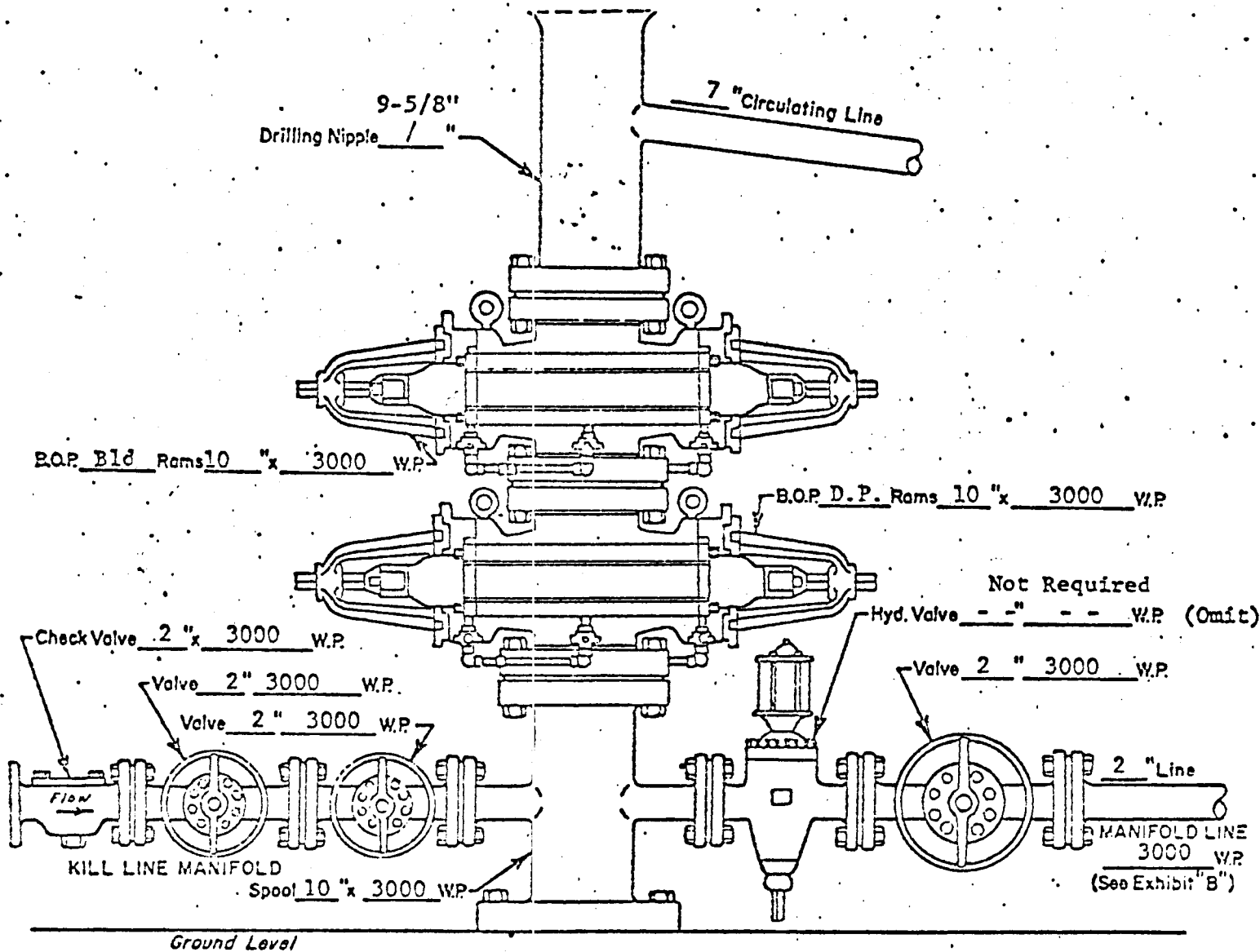
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A Petroleum Permitting Company

COLEMAN DRILLING CO.

WELL NAME: \_\_\_\_\_

LOCATION : \_\_\_\_\_



WELL HEAD B.O.P.

3000 W.P.

☒ Hydraulic

ONSHORE ORDER NO. 1  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

ONSHORE OIL & GAS ORDER NO. 1

Thirteen Point Surface Use Plan

1. Existing Roads

- a. The proposed well site is located 28 miles southwest of Dove Creek, Colorado.
- b. Directions to the location from Dove Creek are as follows:  
  
Go southwest on Bug Point Road for 17 miles until it intersects with the Nancy Patterson Road. Go 9.4 miles on the Nancy Patterson Road. Turn southwest and follow existing existing road for approximately 3/4 miles. Turn south and follow existing road for approximately 1/4 mile to the location.
- c. For location of access roads within a 2-Mile radius, see Maps #1 and #2.
- d. Improvement to the existing access will not be necessary and will be limited to the total existing disturbed width. The maximum total disturbed width will be 26 feet.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. An encroachment permit will be obtained from the San Juan County Road Department, 801/587-2231, ext. 43.

2. Planned Access Roads

- a. The maximum total disturbed width will be 26 feet with a running surface of approximately 20 feet.
- b. The maximum grade will be 4%.
- c. No turnouts are planned.

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A Petroleum Permitting Company

ONSHORE ORDER NO. T  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
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Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

2. Planned Access Roads (cont.)

- d. The access road was centerline flagged at the time of staking.
- e. Drainage will be installed as deemed necessary by the dirt contractor.
- f. No cattleguards or fence cuts will be necessary.
- g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- h. The access road will be water barred or brought to Class III Road Standards within 60 days of dismantling of the drilling rig. If this time frame cannot be met, the San Juan Area Manager will be notified so that temporary drainage control can be installed along the access road.
- i. No culverts will be necessary at this time.
- j. Surfacing material will not be placed on the access road or location without prior BLM approval.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location. (See Map #3).

- a. Water Wells - none
- b. Injection or disposal wells - none
- c. Producing Wells - four
- d. Drilling Wells - none

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A Petroleum Permitting Company

ONSHORE ORDER NO. 1  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
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Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

4. Location of Existing and/or Proposed Facilities

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The color to be used is an earthtone color to blend in with the surrounding environment.
- b. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.
- c. Tank batteries will be placed as shown on Diagram #1.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Any necessary pits will be properly fenced to prevent any wildlife entry. The production pit will be flagged overhead.
- f. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- g. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- h. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.
- i. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

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A Petroleum Permitting Company

ONSHORE ORDER NO. -  
Wintershall Oil & Gas Corp.  
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Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

4. Location of Existing and/or Proposed Facilities (cont.)

- j. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The San Juan Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from a private source. The source will probably be the stock ponds at the Perkins Ranch which are located in Section 7, T38S - R24E. Directions to the water source are shown on Map #1 and #2.
- b. Water will be trucked to location over the roads marked on Maps #1 and #2.
- c. No water well is to be drilled on this lease.
- d. Use of water for this operation will approved by obtaining a temporary use permit from the Utah State Engineer, 801/637-1303, and by receiving permission from the land owner of surface management agency to use the land containing the water source.

6. Source of Construction Material

- a. Road surfacing and pad construction material will be obtained from a commercial source.
- b. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.

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A Petroleum Permitting Company

ONSHORE ORDER NO. \_\_\_\_\_  
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730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

7. Methods of Handling Waste Disposal

- a. The reserve pit will not be lined unless pourous materical is encountered. At least half of the capacity will be in cut.
- b. Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.
- c. A trash pit will be constructed near the mud tanks and dug at least six feet into solid, undisturbed material. It will be totally enclosed with a fine wire mesh before the rig moves in. The road and pad will be kept litter free.
- d. Produced waste water will be confined to a unlined pit for a period not to exceed 90 days after initial production. During the 90-day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities

- a. There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. See Diagram #2 for rig layout. See Diagram #3 for cross section of drill pad. See Diagram # 4 for cuts and fills.
- b. The location of mud tanks; reserve, burn and trash pits; pipe racks; living facilities and soil stockpiles will be shown on Diagrams #2 and #4. The location will be laid out and constructed as discussed during the predrill conference.

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A Petroleum Permitting Company



ONSHORE ORDER NO. T  
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730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

9. Wellsite Layout (cont.)

- c. The top 12 inches of soil material will be removed from the location and stockpiled separate from the trees on the East side. Topsoil along the access will be reserved in place.
- d. Access to the well pad will be from the North.

10. Reclamation

- a. Immediately upon completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- b. The operator or his contractor will contact the San Juan Resource Area office in Monticello, Utah (801/587-2201) 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- c. Before any dirt work to restore the location takes place, the reserve pit must be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12 inches deep with the contour.
- f. Seed will be broadcast between October 1 and February 28 with the following prescription. A harrow or similar implement will be dragged over the area to assure seed cover.

2 lbs/acre Curlygrass (Hilaria Jamesii)  
2 lbs/acre Western Wheatgrass (Agropyron Smithii)  
2 lbs/acre Fourwing Saltbush (Atriplex Canenscens)  
1/4 lb/acre Yellow Sweetclover

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San Juan County, Utah

SURFACE USE PLAN

10. Plans for Reclamation of Surface (cont.)

- h. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.
- i. The reserve pit and that portion of the location and access road not needed for production and production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

11. a. Surface Ownership

Bureau of Land Management

b. Mineral Ownership

Federal

12. Other Information

- a. There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.
- b. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.
- c. The dirt contractor will be provided with an approved copy of the surface use plan.

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730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

SURFACE USE PLAN

12. Other Information (cont.)

- d. If subsurface cultural materials are exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All people who are in the area will be informed by the operator that they are subject to prosecution for disturbing archeological sites or picking up artifacts. Salvage or excavation of identified archeological sites will be done by a BLM approved archeologist only if damage occurs.
- e. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.
- f. An archeological study was performed by La Plata Archaeological Consultants. No significant cultural resources were found and clearance is recommended. This report will be submitted directly by LaPlata Archaeological Consultants.

13. Lessee's or Operator's Representative and Certification

Permit Matters

Permitco  
Lisa L. Green  
1020-15th Street  
Suite 22-E  
Denver, Co. 80202  
303/595-4051

Drilling & Completion Matters

Wintershall Oil & Gas Corp.  
5675 South Tamarac Parkway  
Suite 200  
Englewood, CO 80112  
David Howell  
303/694-0988 (W)  
303/423-1025 (H)

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**Permitco**

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A Petroleum Permitting Company

ONSHORE ORDER NO. 1  
Wintershall Oil & Gas Corp.  
Nancy Federal 34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah


SURFACE USE PLAN

13. Lessee's or Operator's Certification (cont.)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Wintershall Oil & Gas Corp. and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

10/9/84  
Date: \_\_\_\_\_

  
\_\_\_\_\_  
Lisa L. Green - PERMITCO  
Authorized Agent for:  
WINTERSHALL OIL & GAS CORP.

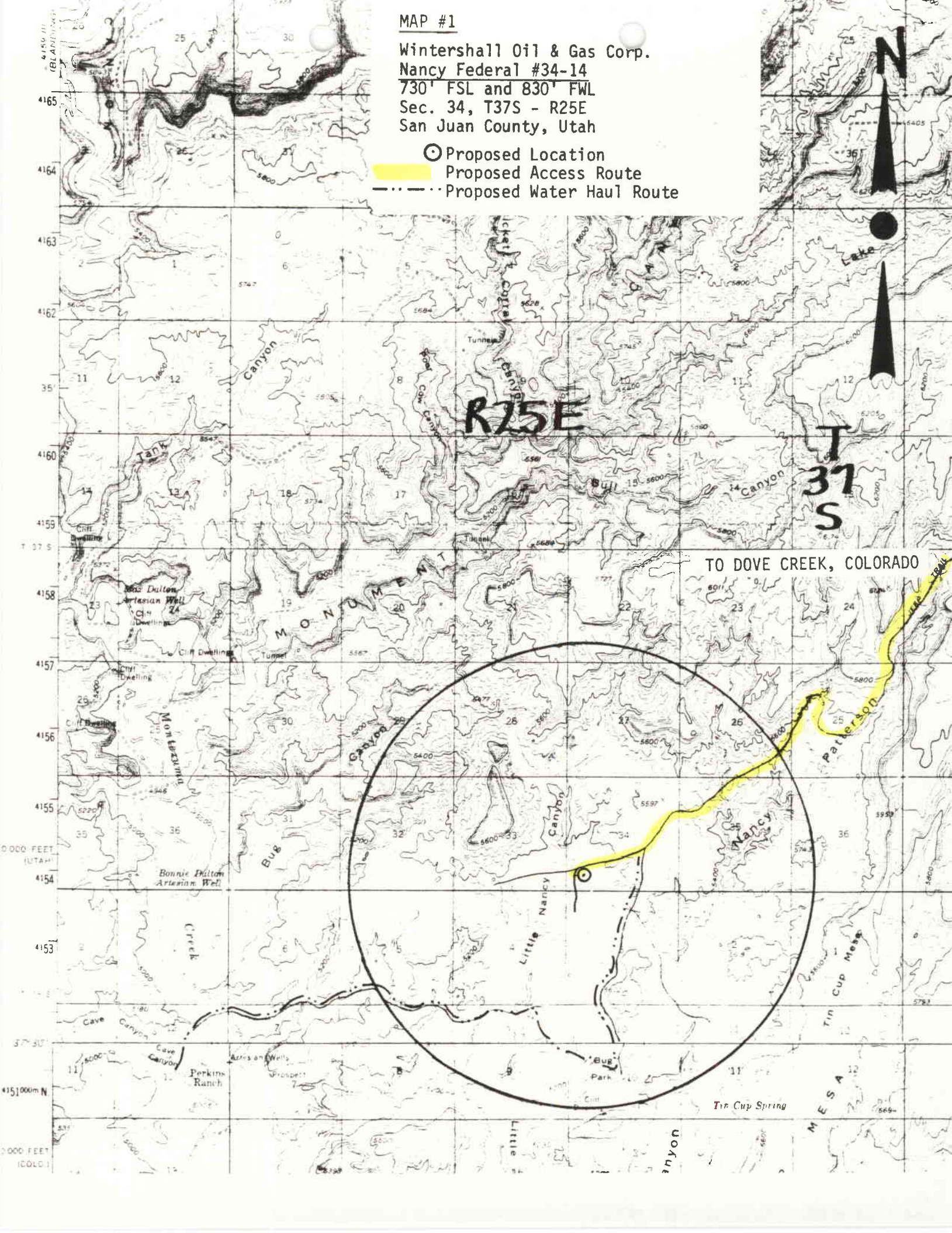
**Permitco**

A Petroleum Permitting Company

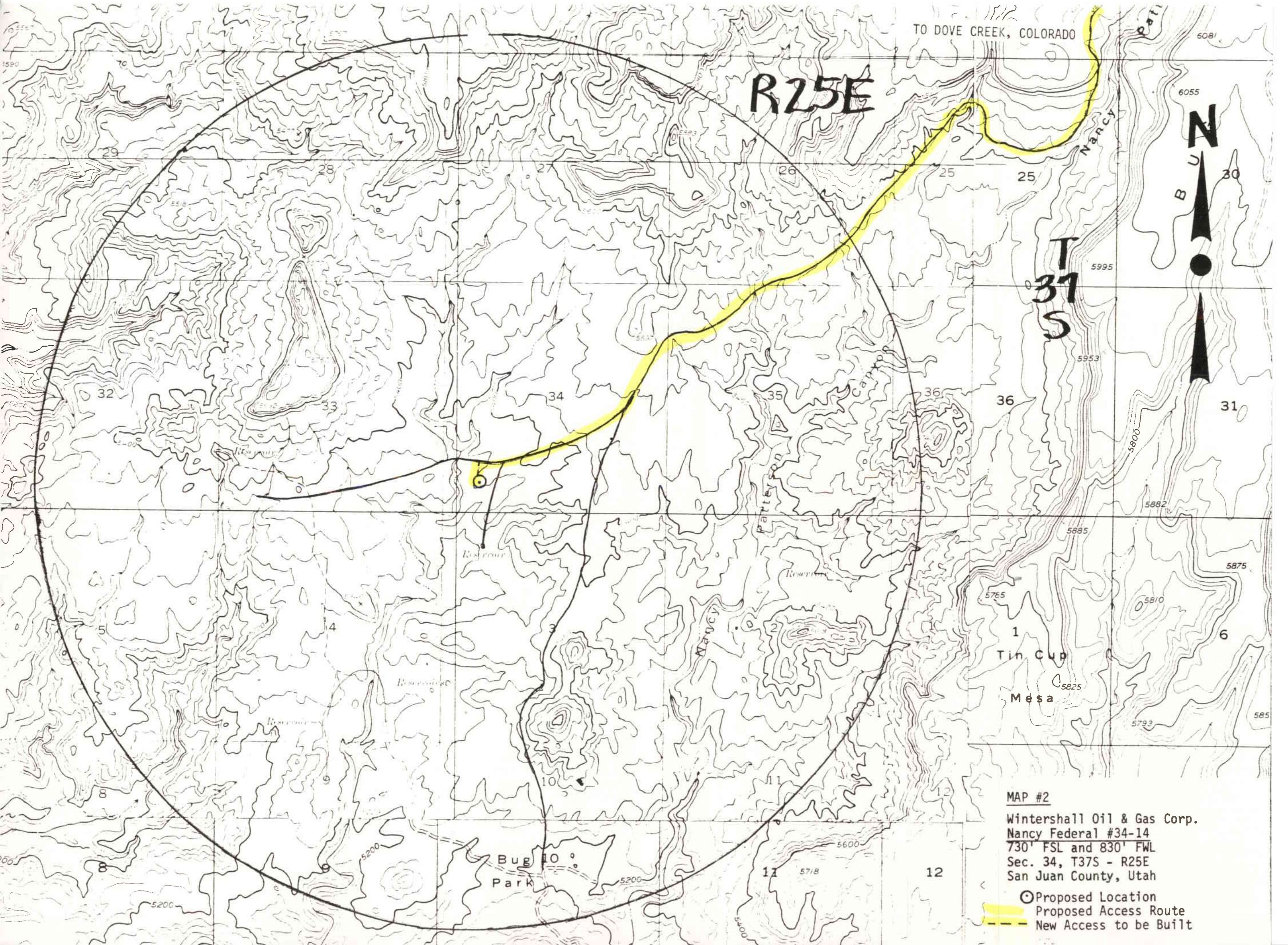
MAP #1

Wintershall Oil & Gas Corp.  
Nancy Federal #34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

- Proposed Location
- Proposed Access Route
- - - Proposed Water Haul Route







TO DOVE CREEK, COLORADO

R25E

T  
31  
S



MAP #2

Wintershall Oil & Gas Corp.  
Nancy Federal #34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

- Proposed Location
- Proposed Access Route
- New Access to be Built



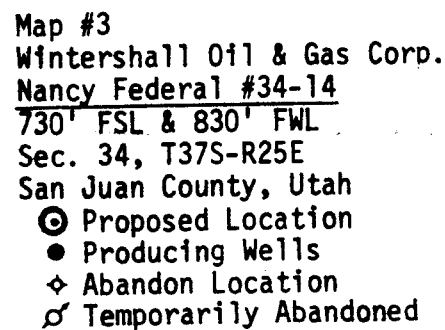


DIAGRAM #1

Production Facility Layout

Wintershall Oil & Gas Corp.

Nancy Federal #34-14

730' FSL and 830' FWL

Sec. 34, T37S - R25E

San Juan County, Utah

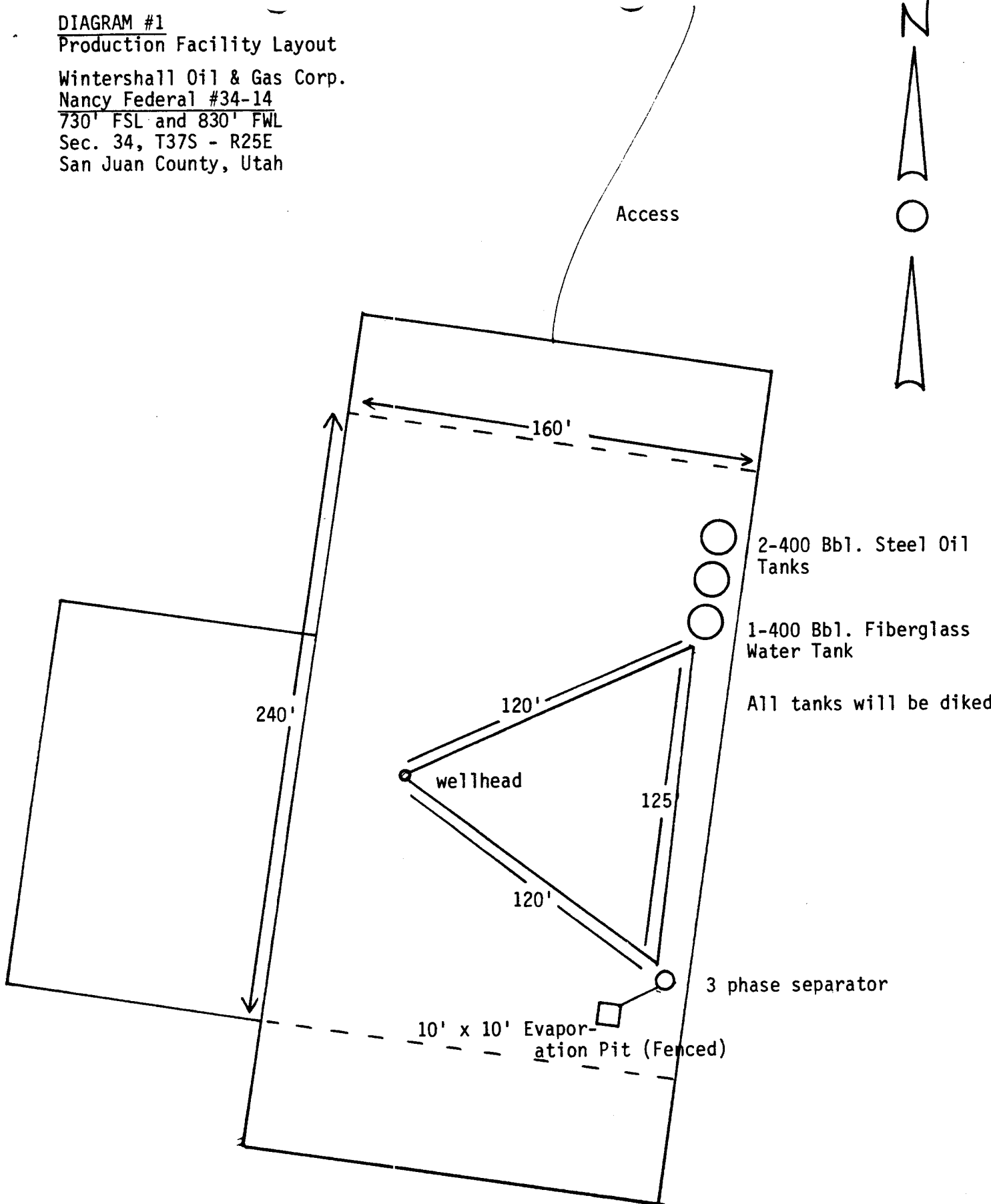
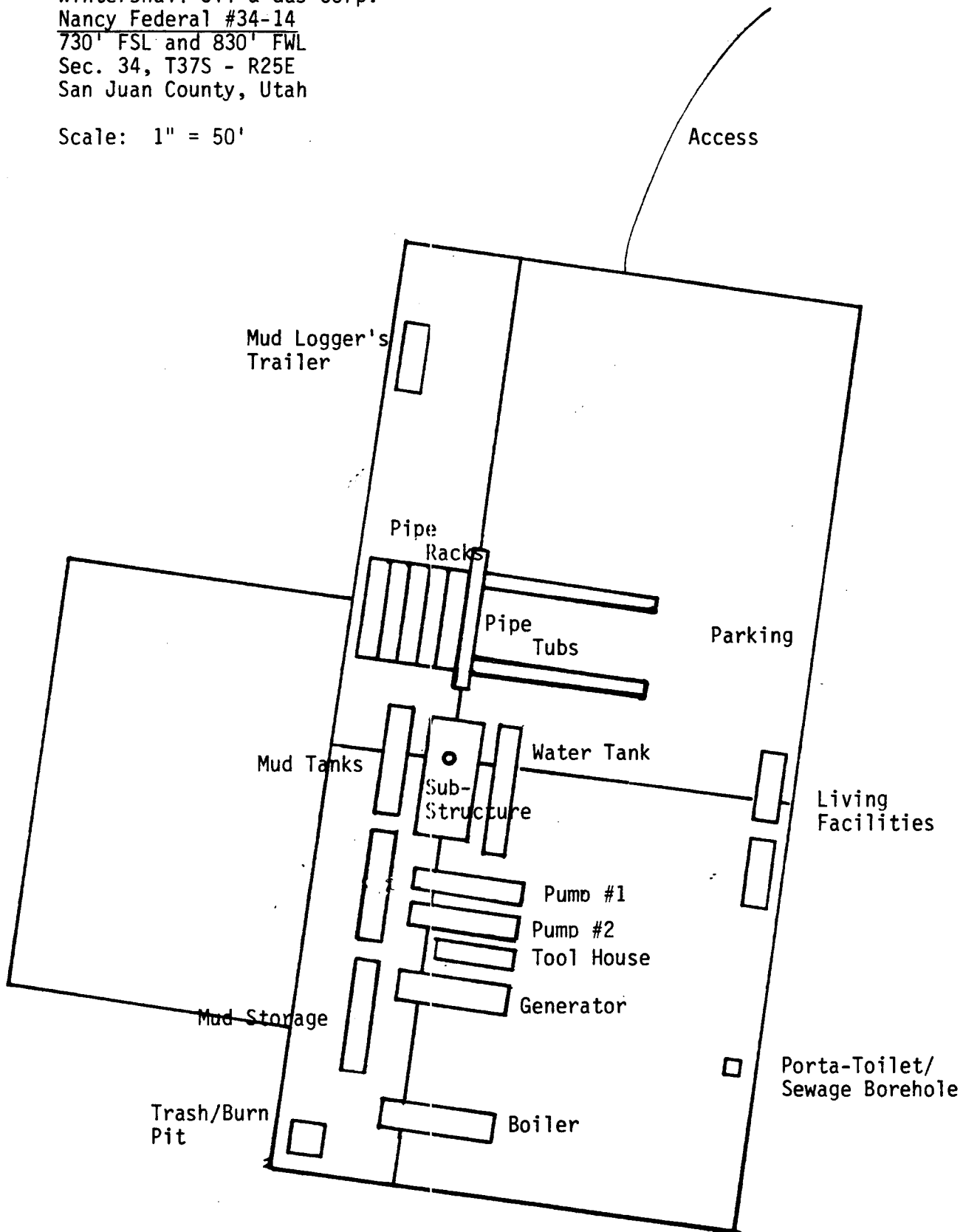




DIAGRAM #2  
Rig Layout

Wintershall Oil & Gas Corp.  
Nancy Federal #34-14  
730' FSL and 830' FWL  
Sec. 34, T37S - R25E  
San Juan County, Utah

Scale: 1" = 50'



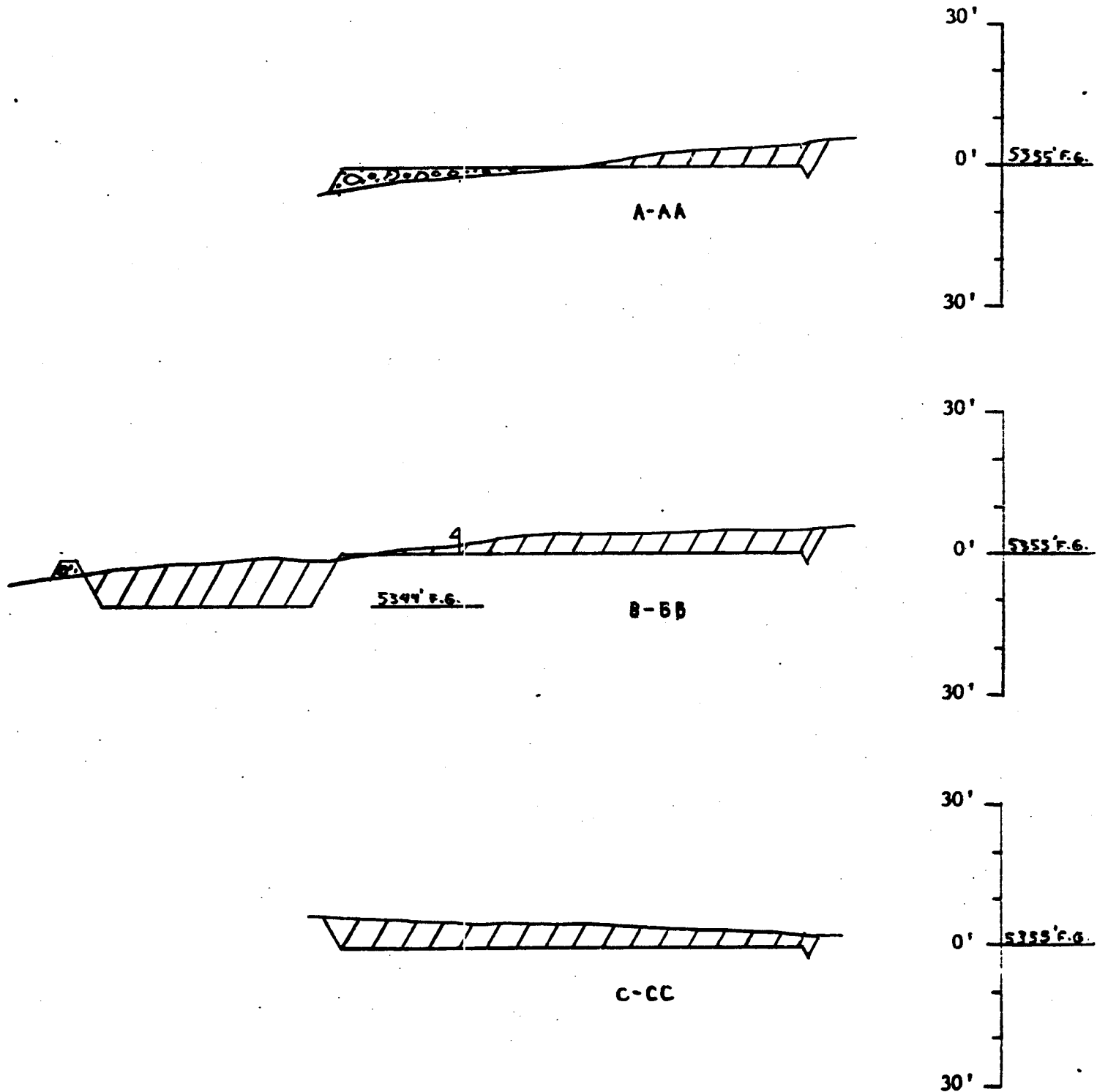
WELL PAD CROSS-SECTION

Well Nancy 34-14

Cut /////  
Fill

Scales: 1"=50' H.  
1"=30' V.

1.7 Vertical Exaggeration



# WELL PAD PLAN VIEW

Well Nancy 34-14

N



SCALE 1"=50'

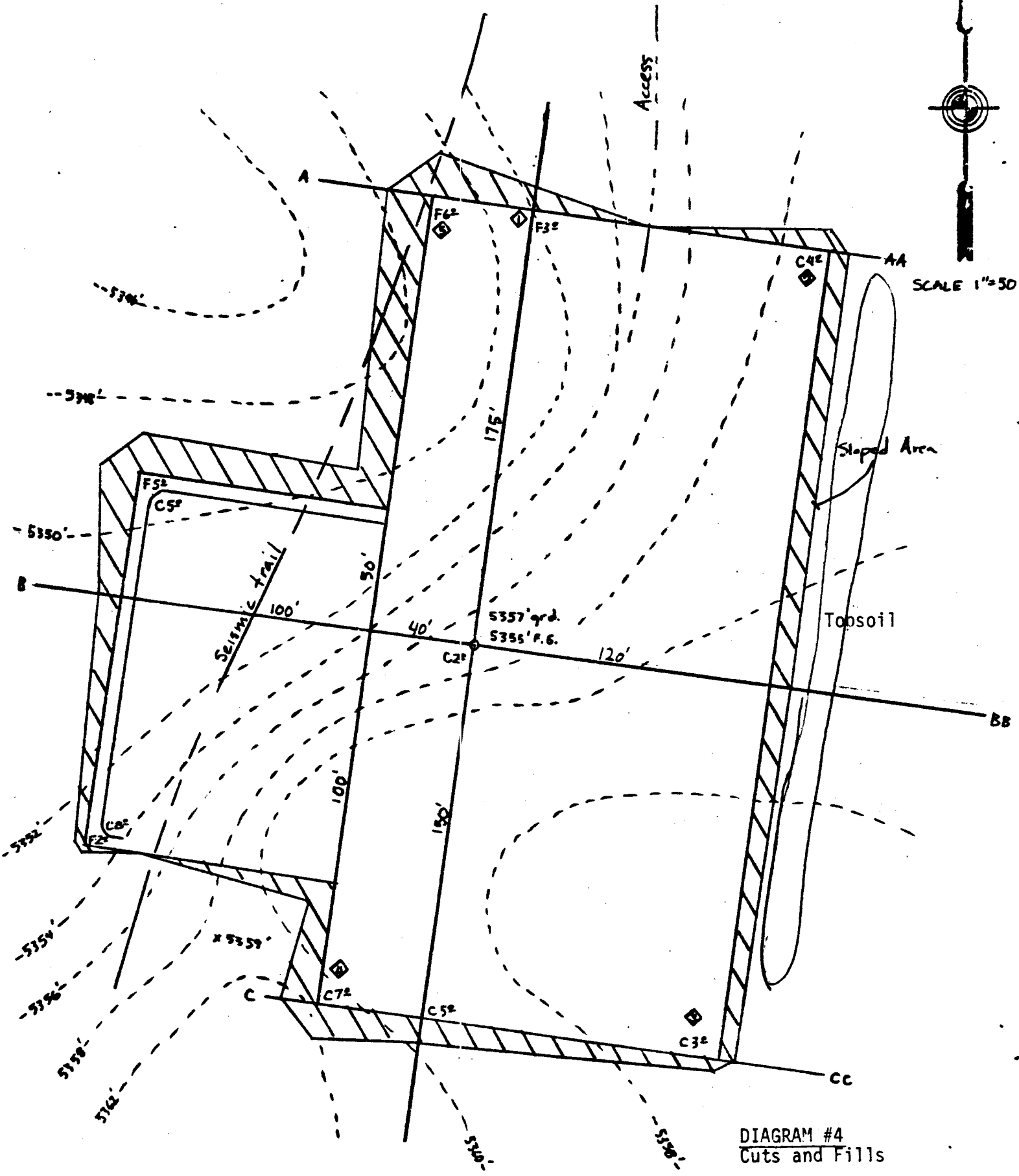


DIAGRAM #4  
Cuts and Fills

OPERATOR

Wintershall Oil & Gas Corp

DATE

10-12-84

WELL NAME

Little Nancy Unit #34-14

SEC SW SW 34

T

37S

R

25E

COUNTY

San Juan

43-037-31119

API NUMBER

Std

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

Std approval - 12/10/84

Need water permit

APPROVAL LETTER:

SPACING:

☒

A-3

Little Nancy  
UNIT

☐

c-3-a

CAUSE NO. & DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- water

☐ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☐ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☐ VERIFY ADEQUATE AND PROPER BONDING

☐ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☐ c-3-b

☐ c-3-c

☐ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☐ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☐ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

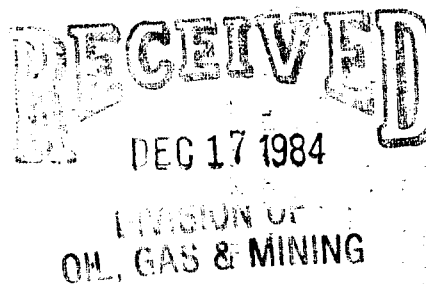
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-44822		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR Wintershall Oil & Gas Corp. c/o PERMITCO 303/595-4051		7. UNIT AGREEMENT NAME Little Nancy Unit		
3. ADDRESS OF OPERATOR 1020-15th Street, Suite 22-E Denver, CO 80202		8. FARM OR LEASE NAME Nancy Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 730' FSL and 830' FWL At proposed prod. zone		9. WELL NO. 34-14		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles southwest of Dove Creek, Colorado		10. FIELD AND POOL, OR WILDCAT Little Nancy		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 730'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T37S - R25E		
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3800'		19. PROPOSED DEPTH 5790'		
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* October 30, 1984		
22. APPROX. DATE WORK WILL START* October 30, 1984				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	1626'	725 sx or sufficient to circulate
8-3/4"	7"	23#	5790'	450 sx or sufficient to cover zone of interest

Wintershall Oil & Gas Corporation proposes to drill a well to 5790' to test the Upper Ismay and Desert Creek formations. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Gesa L. Lueker TITLE Consultant DATE 10/9/84  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Kenneth V. Rhea TITLE Acting DISTRICT MANAGER DATE 10 DEC 1984  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

FLARING OR VENTING OF  
GAS IS SUBJECT OF NTL 4-A  
DATED 1/1/80

NOTICE OF APPROVAL

Your contact with the District Office is:

Robert (Bob) Graff, Petroleum Engineer

Office Phone: 801-259-6111 Ext. 216 Home Phone: 801-259-6088

Address: 82 East Dogwood, P.O. Box 970  
Moab, Utah 84532

Resource Area Manager's address and contacts are:

Ed Scherick, San Juan Area Manager

Office Phone: 801-587-2201 Home Phone: 801-587-2439

Address: 480 South First West, P.O. Box 7  
Monticello, Utah 84535



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 3, 1985

Wintershall Oil & Gas Corporation  
c/o Permitco  
1020-15th Street, Suite 22-E  
Denver, Colorado 80202

Gentlemen:

Re: Well No. Little Nancy Unit #34-14 - SW SW Sec. 34, T. 37S, R. 25E  
730' FSL, 830' FWL - San Juan County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

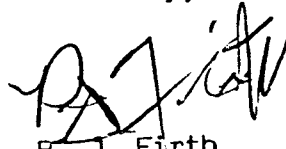


Wintershall Oil & Gas Corporation  
Well No. Little Nancy Unit #34-14  
January 3, 1985  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31119.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over a horizontal line.

R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

**RECEIVED**  
APR 02 1986

3162 (U-065)  
(U-44822)

Moab District  
P. O. Box 970  
Moab, Utah 84532

DIVISION OF  
OIL, GAS & MINING

APR 1 1986

Wintershall Oil & Gas Corp.  
c/o Permitco  
1020-15th Street  
Suite 22-E  
Denver, Colorado 80202

Re: Rescinding Application for  
Permit to Drill  
Well No. Nancy Federal 34-14  
SWSW Sec. 34, T. 37 S., R. 25 E.  
San Juan County, Utah  
Lease U-44822

Gentlemen:

The Application for Permit to Drill the referenced well was approved on December 10, 1984. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

/s/ Kenneth V. Rhea

**ACTING** District Manager

cc:

State of Utah, Division of Oil, Gas and Mining ✓  
San Juan Resource Area

bcc:

U-942, Utah State Office

VButts/vb:3/31/86MagCard314490



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 9, 1986

Wintershall Oil and Gas Corporation  
c/o Permitco  
1020-15th Street, Suite 22-E  
Denver, Colorado 80202

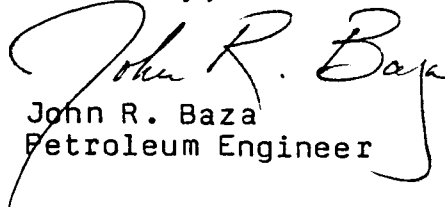
Gentlemen:

RE: Well No. Little Nancy Unit 34-14, Sec.34, T.37S, R.25E,  
San Juan County, Utah, API NO. 43-037-31119

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb  
cc: BLM-Moab  
D. R. Nielson  
R. J. Firth  
Well file  
0278T-29

## ROUTING/ACTION FORM

4-7-84

SEQ	NAME	ACTION	INITIAL
	NORM		
2	TAMI	3A, 5	J
	VICKY		
3	CLAUDIA	1	J
	STEPHANE		
	CHARLES		
4	RULA	2 WHOLE FILE	RM
	MARY ALICE		
	CONNIE		
	MILLIE		
	RON		
1	JOHN	6, 7	
	GIL		
5	PAM	4, 5,	AK

NOTES:

## ACTION CODE

1. DATA ENTER	
2. FILM	
3. POST	
a. CARD FILE	
b. FILE LABEL	
c. LISTS	
4. FILE	
5. RELOCATE FILE OR CARD	
6. DECISION	
7. PREPARE LETTER	
12. OTHER - SEE NOTES	

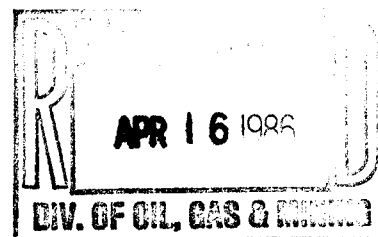
3162 (U-065)  
(U-44822)

ALJ  
3/31

Moab District  
P. O. Box 970  
Moab, Utah 84532

APR 1 1985

Wintershall Oil & Gas Corp.  
c/o Permitco  
1020-15th Street  
Suite 22-E  
Denver, Colorado 80202



Re: Rescinding Application for  
Permit to Drill  
Well No. Nancy Federal 34-14  
SWSW Sec. 34, T. 37 S., R. 25 E.  
San Juan County, Utah  
Lease U-44822

Gentlemen:

The Application for Permit to Drill the referenced well was approved on December 10, 1984. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals at (801) 259-6111.

Sincerely,  
/s/ Kenneth V. Rhea

**ACTING** District Manager

cc:  
State of Utah, Division of Oil, Gas and Mining  
San Juan Resource Area

bcc:  
U-942, Utah State Office

VButts/vb:3/31/86MagCard314490

RM

3/31/86

11- 3/31/86

MOAB DISTRICT OFFICE

Cimarron Petroleum Corporation  
Well No. Cimarron Petro Corp. #1  
Sec.5, T.22S, R.24E,  
Grand County, Utah  
API NO. 43-019-30987  
U-20047-B

Being checked for final release SRA  
4/2/86

G.R. Dickinson  
Well No. Williams Federal #6  
Sec.5, T.42S, R.19E,  
San Juan County, Utah  
API NO. 43-037-31146

U-7302-D Rescinded 4/8/86

G.R. Dickinson  
Well No. Williams Federal #7  
Sec.5, T.42S, R.19E,  
San Juan County, Utah  
API NO. 43-037-31147

U-7303-D Rescinded 4/8/86

F-L Energy Corporation  
Well No. Federal Buttes 1-6  
Sec.6, T.20S, R.25E,  
Grand County, Utah  
API NO. 43-019-31102

SRA rec'd 3/11/86

U-41092

Clint Howell  
Well No. Gebauer - Groom #6  
Sec.7, T.42S, R.19E,  
San Juan County, Utah  
API NO. 43-037-30838  
U-7303

S.N. noted 2/19/86  
Well should be completed by 4/1/86.

Milestone Petroleum, Inc.  
Well No. Navajo Federal 10-1  
Sec.10, T.39S, R.25E,  
San Juan County, Utah  
API NO. 43-037-31073  
U-12426

Rescinded 3/10/86

Southland Royalty Company  
Well No. Straight Canyon Federal 22-1  
Sec.22, T.18S, R.6E,  
Emery County, Utah  
API NO. 43-015-30214

Returned application  
Unapproved 3/22/85

U-15193

LA

Page Two  
Moab District Office

TXO Production Corporation  
Well No. Cedar Ridge Canyon Federal #1  
Sec.19, T.13S, R.17E,  
Carbon County, Utah  
API NO. 43-007-30104  
U-48746

*Returned application  
unapproved 4/10/85*

Wintershall Oil and Gas Corporation  
Well No. Little Nancy Unit 34-14  
Sec.34, T.37S, R.25E  
San Juan County, Utah  
API NO. 43-037-31119

*Rescinded APD 4/1/86*

U-44822

*Resc. letter  
already  
written.*

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